

Patent claims

1. An air conditioning device for climate control of a space, in particular of a vehicle interior space, having a heat exchanger (16) which is arranged within an air guiding duct (12) and can have air which is to be air conditioned pass through it, a heating device (18), through which flow can pass, being arranged downstream of said heat exchanger (16), **characterized** in that the air guiding duct (12) runs largely rectilinearly and without deflection between the heat exchanger (16) and the heating device (18).
2. The air conditioning device as claimed in claim 1, **characterized** in that a variably closable bypass duct (20) for feeding cold air is provided in the air guiding duct (12) parallel to the heating device (16).
3. The air conditioning device as claimed in claim 1 or 2, **characterized** in that the air guiding duct (12) runs largely rectilinearly and without deflection between the heat exchanger (16) and the bypass duct (20).
4. The air conditioning device as claimed in one of the preceding claims, **characterized** in that a closure device (22), which can be variably adjusted between a closed position and an opened position, is arranged within the bypass duct (20).
5. The air conditioning device as claimed in one of the preceding claims, **characterized** in that a further closure device (26), which can be variably adjusted between a closed position and an opened position, for metering warm air is arranged upstream or downstream of the heating device (16).

6. The air conditioning device as claimed in claim 5, **characterized** in that the further closure device (26) in the warm air duct is formed from a plurality of pivoting flaps which are coupled together.

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7. The air conditioning device as claimed in claim 5, **characterized** in that the further closure device (26) in the warm air duct is formed from one or more flaps which can be moved and/or partially rolled up.

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8. The air conditioning device as claimed in one of the preceding claims, **characterized** in that a stratification duct (24) is arranged in the region downstream of the bypass duct (20), said stratification duct (24) branching off a variably adjustable proportion of a cold air flow from the bypass duct (20) and, in a first position of a flap (34) which is arranged downstream, admixing it to a warm air flow from the heating device.

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9. The air conditioning device as claimed in claim 8, **characterized** in that the stratification duct (24) branches off a variably adjustable proportion of the cold air flow from the bypass duct (20) and, in a second position of a flap (34) which is arranged downstream, admixes it to the cold air flow from the bypass duct (20) again.

10. The air conditioning device as claimed in claim 8 or 9, **characterized** in that the stratification duct (24) has a V-shaped cross section.

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